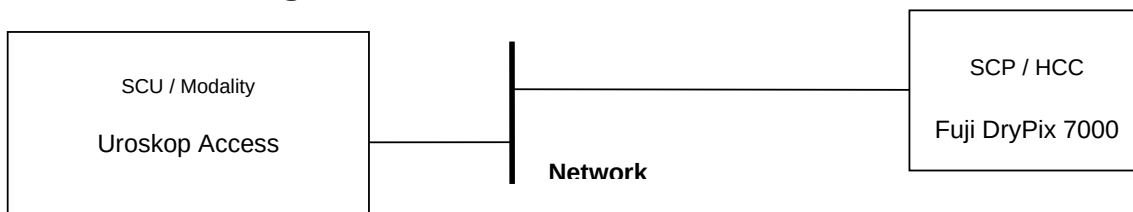


Product:	Uroskop Access
Title:	Specific Hardcopy Camera Information for Fuji DryPix 7000
Systems affected:	Image System ASPIA
Replaces:	n.a.

1 General Information

1.1 Block Diagram



1.2 Available Film Sizes

Application		CT	Film Type	Medium Type
14"x17"	Portrait	yes	DI-HL	Blue-based
	Landscape	yes		
14"x14"	Portrait	yes	DI-HL	Blue-based
	Landscape	yes		
11"x14"	Portrait	yes	DI-HL	Blue-based
	Landscape	yes		
10"x12"	Portrait	n.a.	n.a.	n.a.
	Landscape	n.a.		
8"x10"	Portrait	yes	DI-HL	Blue-based
	Landscape	yes		
others		n.a.	n.a.	n.a.

yes - Film size is available and released
no - Film size is available but not released
n.a. - Film size is not available

1.3 Restrictions

For HCC-independent restrictions, see also the general restrictions in the document Uroskop Access, General Hardcopy Information.

2 Modality SW Configurations / Parameters

Refer to: Urooskop Access, General Hardcopy Camera Information.

Application Entity Properties	Display	Changes allowed yes/no
AE Title	DRY7000	Yes
Port Number	104	No
Supported DICOM Services	Print	No

HC Device / General Settings		Display	Changes allowed
Type		DICOMprinter	No
Class (Printer Spec File Name)		fujidrypix7000	No
DICOM Node		dry7000	Yes
Filming Properties		Display	Changes allowed
Hold Printed Film Jobs		10	Yes
Min. Density		0.20	No
Pixel Size [1/1000 mm]		100x100	No
Film Sheet Formats, Portrait	Number of pixels [columns x rows]	14x17 Inches 3500x4170 14x14 Inches 3500x3410 11x14 Inches 2500x3495 8x10 Inches 1954x2410	In "define new" Do not modify/add Select only Delete only
Film Sheet Formats, Landscape	Number of pixels [columns x rows]	14x17 Inches 4220x3360 11x14 Inches 3600x2450 8x10 Inches 2466x1898	In "define new" Do not modify/add Select only Delete only
Medium Type		blue film	Yes
Film Destination		processor	No
Color Appearance		monochrome	No
Background		black	Yes
Transformation		no magnification	No
Note: Do not modify and/or add film sizes. Do not modify pixel sizes. Delete film sizes that are not available at customer site.			

3 Hardcopy Camera, Configuration

3.1 Identification

Device-Type:	Printer
Manufacturer / Device Name:	FUJI/Drypix 7000
HW Revision:	n.a.
SW Revision:	A01-07
Image Memory:	RAM512MB
Harddisk:	20 GB
Number of Operating Panels:	1 built in touch panel
No./Typ of Input:	1 DICOM
No./Typ of Output:	n.a.
Physical Network Interface:	Ethernet RJ45, 10/100 base T/Tx
Network Protocol:	TCP/IP
DICOM Conformance Statement:	1

3.2 SCP / Printer Settings (provided by OEM)

file name	content	remarks
2003-06-16_DryPix7000-Siemens-BasicRelease_Ver01.00.doc	Protocol:	Client: MERGE_PRINT_SCU
	0107H-Warning	indicate
	0116H-Warning	indicate
	B604H-Warning	indicate
	N-Event-ReportRQ	disabled
	Presentation LUT	no
	Use Max/Min Density	modality
	-----	-----
	Magnify:	-----
	Procedure	A-VR
	Default Smooth.-Type	SHARP
	<u>Adjustment Param SHARP</u>	-----
	Edge detection	off
	Detection Level	600
	Sharpness	130
	Char. Mode	white
	<u>Adjustment Param MEDIUM</u>	-----
	Edge detection	on
	Detection Level	600
	Sharpness	80
	Char. Mode	white
	<u>Adjustment Param SMOOTH</u>	-----
	Edge detection	on
	Detection Level	800
	Sharpness	30
	Char. Mode	white
	-----	-----
	LUT:	
	Procedure	SAR
	Default LUT	1
	<u>LUT</u>	

r Table Number	17
Max. Density	300
Min. Density	0
-----	-----
<u>Tuning Point 1</u>	-----
Density	50
Shift	1
Contrast	100
<u>Tuning Point 2</u>	-----
Density	70
Shift	-1
Contrast	100
<u>Tuning Point 3</u>	-----
Density	150
Shift	-5
Contrast	100
<u>Tuning Point 4</u>	-----
Density	270
Shift	-8
Contrast	100
<u>Tuning Point 5</u>	-----
Density	290
Shift	-9
Contrast	100
-----	-----
Output Format:	-----
Border Density	300
Trim Density	0
Trim	off

Note: Maximum number of associations supported: 10

3.3 Error and Warnings Messages

Printer (SCP) defined message	Displayed message at modality (SCU)
SUPPLY EMPTY	SUPPLY EMPTY
PRINTER OFFLINE	PRINTER OFFLINE
COVER OPEN	COVER OPEN
FILM JAM	FILM JAM
PRINTER DOWN	PRINTER DOWN

No other errors or warnings have been tested.

4 Image Quality and Optical Density

4.1 Reference Film and LUT

Released Film Type	DI-HL	
--------------------	-------	--

Refer to: Uroskop Access, General Hardcopy Camera Information

4.2 Real Size Scaling

n.a.

5 Abbreviations

DCS	DICOM Conformance Statement
DICOM	Digital Imaging and Communication in Medicine
HW / SW	Hardware / Software
HCC	Hardcopy Camera
LUT	Look-Up Table
OEM	Original Equipment Manufacturer
SCP	Service Class Provider
SCU	Service Class User
TCP/IP	Transfer Control Protocol / Internet Protocol

6 Changes to Previous Version

n.a.

© Siemens AG 2003

The reproduction, transmission or use of this document or its contents is not permitted without express written authority. Offenders will be liable for damages. All rights, including rights created by patent grant or registration of a utility model or design, are reserved.

Document revision level

The document corresponds to the version/revision level effective at the time of system delivery. Revisions to hardcopy documentation are not automatically distributed.

Please contact your local Siemens office to order current revision levels.

Disclaimer

The installation and service of equipment described herein is to be performed by qualified personnel who are employed by Siemens or one of its affiliates or who are otherwise authorized by Siemens or one of its affiliates to provide such services.

Assemblers and other persons who are not employed by or otherwise directly affiliated with or authorized by Siemens or one of its affiliates are directed to contact one of the local offices of Siemens or one of its affiliates before attempting installation or service procedures.